

ABSTRACT OF THE DISCLOSURE

Provided is a comparator for quickly comparing a tag information stored in a cache memory with a reference tag information outputted from a CPU. A sense enable
5 signal (SE), which controls the active state of a sense amplifier (SA) performing the output of a tag information (TM) stored in a TAG-RAM, is used to compare the tag information (TM) with a reference tag information (TC) outputted from the CPU.